

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	104	XML with print\$3	USPAT	OR	OFF	2006/02/17 14:25
L5	9	XML with print\$3 with driver	USPAT	OR	OFF	2006/02/17 14:31
L6	13	XML same print\$3 with driver	USPAT	OR	OFF	2006/02/17 14:31
L7	176	"6012098" "6154738"	USPAT	OR	OFF	2006/02/17 15:24
S1	3	"6,763,343"	USPAT	OR	OFF	2006/02/13 14:32
S2	458	xsl	USPAT	OR	OFF	2006/02/09 17:31
S3	57	xsl with code\$1	USPAT	OR	OFF	2006/02/09 17:31
S4	82	xml and xsl and xslt	USPAT	OR	OFF	2006/02/13 15:29
S5	21	"6918084" "6487566" "6832351" "6763343" "6631375" "6507410"	USPAT	OR	OFF	2006/02/13 15:29
S6	6	("6918084" "6487566" "6832351" "6763343" "6631375" "6507410").pn.	USPAT	OR	OFF	2006/02/17 14:25
S7	1094	print\$3 with ML	USPAT	OR	OFF	2006/02/13 15:33
S8	102	print\$3 with xml	USPAT	OR	OFF	2006/02/13 15:34
S9	6	("5860068" "6154378" "6226675" "6289501" "6449620" "6457883").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/13 15:37
S10	5	S9 and xml	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/13 15:37
S11	56	xsl with code	USPAT	OR	OFF	2006/02/14 13:47
S12	81	xsl with (code program)	USPAT	OR	OFF	2006/02/14 13:49
S13	58	xsl with (code program) and print\$3	USPAT	OR	OFF	2006/02/17 13:42

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XSL

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In this XSL example, I create two lists in XML and use the XSL style sheet to set the style.

The XML File

```
<?xml version="1.0"?>
<!DOCTYPE LANGLIST SYSTEM "langlist.dtd">
<?xml-stylesheet type="text/xsl" href="xmlstyle.xsl"?>
<LANGLIST>
    <TITLE>List of Items Important to Markup Languages</TITLE>
    <TITLE1>Languages</TITLE1>
        <LIST1>
            <LANGUAGES>SGML</LANGUAGES>
            <LANGUAGES>XML</LANGUAGES>
            <LANGUAGES>HTML</LANGUAGES>
        </LIST1>
    <TITLE2>Other Support</TITLE2>
        <LIST2>
            <OTHER>DTD</OTHER>
            <OTHER>DSSSL</OTHER>
            <OTHER>Style Sheets</OTHER>
        </LIST2>
</LANGLIST>
```

The DTD File

```
<!ELEMENT LANGLIST ANY>
<!ENTITY % Shape "(rect|circle|poly|default)">
<!ELEMENT TITLE (#PCDATA)>
<!ELEMENT TITLE1 (#PCDATA)>
<!ELEMENT TITLE2 (#PCDATA)>
<!ELEMENT LIST1 (LANGUAGES)+>
<!ELEMENT LIST2 (OTHER)+>
<!ELEMENT LANGUAGES (#PCDATA)>
<!ATTLIST LANGUAGES
    type %Shape; #IMPLIED>
<!ELEMENT OTHER (#PCDATA)>
<!ATTLIST OTHER
    type (disc|square|circle) #IMPLIED>
```

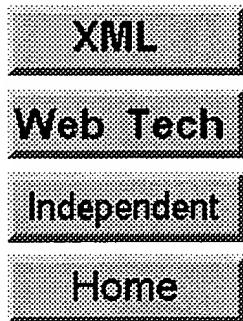
Implementations the LANGUAGES and OTHER elements, although these attributes are not used in this example.

- OSD

The XML Style File

Appendices

1. Terms
2. Credits



```
<?xml version="1.0"?>

<xsl:stylesheet xmlns:xsl="http://www.w3.org/TR/WD-xsl">

    <xsl:template match="/">
        <xsl:apply-templates select="LANGLIST/TITLE" />
        <xsl:apply-templates select="LANGLIST/TITLE1" />
        <xsl:apply-templates select="LANGLIST/LIST1" />
        <xsl:apply-templates select="LANGLIST/TITLE2" />
        <xsl:apply-templates select="LANGLIST/LIST2" />
    </xsl:template>

    <xsl:template match="TITLE">
        <SPAN style="display: 'block'; font-family: 'arial'; col-
        <xsl:value-of />
        </SPAN>
        <BR/>
    </xsl:template>

    <xsl:template match="TITLE1">
        <SPAN style="display: 'block'; font-family: 'arial'; col-
        <xsl:value-of />
        </SPAN>
        <BR/>
    </xsl:template>

    <xsl:template match="LIST1">
        <UL style="display: 'list-item'; list-style-image: url('
        <xsl:for-each select="LANGUAGES">
            <LI style="display: 'list-item'; list-style-type
            <xsl:value-of />
            </LI>
        </xsl:for-each>
        </UL>
    </xsl:template>

    <xsl:template match="TITLE2">
        <SPAN style="display: 'block'; font-family: 'arial'; col-
        <xsl:value-of />
        </SPAN>
        <BR/>
    </xsl:template>

    <xsl:template match="LIST2">
        <UL style="display: 'list-item'; list-style-image: url('
        <xsl:for-each select="OTHER">
            <LI style="display: 'list-item'; list-style-type
            <xsl:value-of "."/>
            </LI>
        </xsl:for-each>
        </UL>
    </xsl:template>

</xsl:stylesheet>
```

In the section above between the `<xsl:template match="/">` tag and `</xsl:template>` tag, the value of the object is processed in order to display the value of that object.

[Click Here to see the LANGLIST.XML file \(USE your browser's BACK button to return\)](#)